AUTODOC CLUB

How to change rear brake pads on **Toyota Prado J120** – replacement guide

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
TOYOTA LAND CRUISER 150 (KDJ15_, GRJ15_) 4.0 V6 VVT-i (GRJ150_, GRJ125_), TOYOTA LAND CRUISER 150 (KDJ15_, GRJ15_) 3.0 D-4D (KDJ155_, KDJ150_), TOYOTA LAND CRUISER 80 (_J8_) 4.2 TD, TOYOTA LAND CRUISER (PZJ7_, KZJ7_, HZJ7_, BJ7_, LJ7_, RJ7_) 2.4, TOYOTA LAND CRUISER (PZJ7_, KZJ7_, HZJ7_, BJ7_, LJ7_, RJ7_) 2.4 D, TOYOTA LAND CRUISER (PZJ7_, KZJ7_, HZJ7_, BJ7_, LJ7_, RJ7_) 2.4 TD, TOYOTA LAND CRUISER Hardtop (_J7_) 2.4 TD, TOYOTA LAND CRUISER (PZJ7_, KZJ7_, HZJ7_, BJ7_, LJ7_, RJ7_) 3.0 TD, TOYOTA LAND CRUISER Hardtop (_J7_) 3.0 TD (KZJ70_), TOYOTA LAND CRUISER 80 (_J8_) 4.2 TD 24V, TOYOTA LAND CRUISER 80 (_J8_) 4.5 24V, TOYOTA LAND CRUISER (KDJ12_, GRJ12_) 4.0, TOYOTA LAND CRUISER 90 (_J9_) 3.4 i 24V, TOYOTA LAND CRUISER (PZJ7_, KZJ7_, HZJ7_, BJ7_, LJ7_, RJ7_) 3.4 D, TOYOTA LAND CRUISER 80 (_J8_) 4.0, (+ 46)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – TOYOTA PRADO J120. LIST OF THE TOOLS YOU'LL NEED:

- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Anti-squeal paste
- Drive socket # 17
- Wheel impact socket #21
- Brake caliper wind back tool
- Torque wrench
- Tap wrench
- Crow bar
- Wheel chock

BUY TOOLS

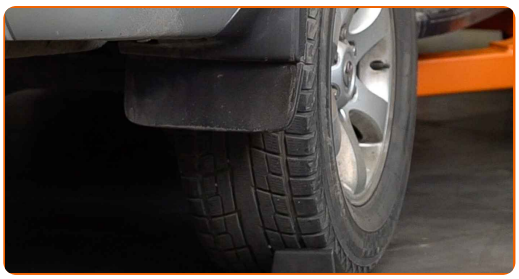
Replacement: brake pads – Toyota Prado J120. AUTODOC experts recommend:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – TOYOTA PRADO J120. USE THE FOLLOWING PROCEDURE:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #21.

4 Raise the rear of the car and secure on supports.

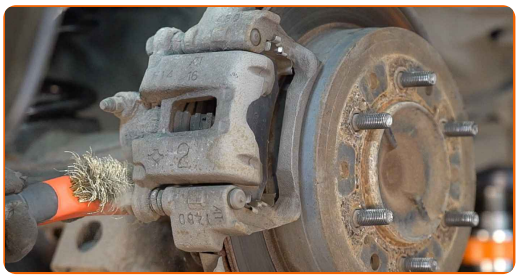
5 Unscrew the wheel bolts.

AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Toyota Prado J120

6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



8 Spread the brake pads. Use a crowbar.

9 Unscrew the brake caliper fastening. Use a drive socket #17. Use a tap wrench.

10 Remove the brake caliper.

Replacement: brake pads – Toyota Prado J120. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11 Remove the brake pads. Use a crowbar.

Replacement: brake pads – Toyota Prado J120. Tip from AUTODOC:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12 Remove the retaining springs of the brake pads.

13 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

Replacement: brake pads – Toyota Prado J120. Professionals recommend:

- After applying the spray, wait a few minutes.

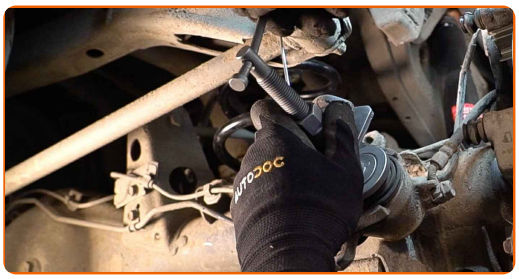
14 Install the retaining springs of the brake pads.

15 Treat the brake caliper piston. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – Toyota Prado J120. After applying the spray, wait a few minutes.

16 Press in the brake caliper piston. Use brake caliper wind back tool.

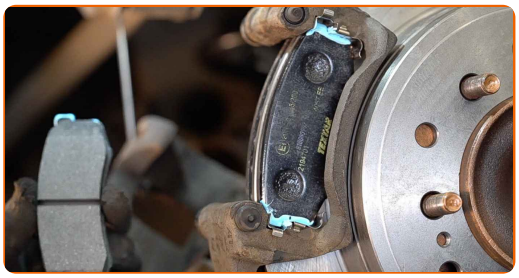


17 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

Replacement: brake pads – Toyota Prado J120. Tip:

- Make sure the disc surface is clean before installing the pads.

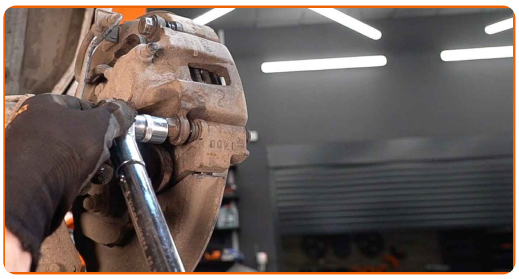
18 Install new brake pads.



Replacement: brake pads – Toyota Prado J120. Tip from AUTODOC experts:

- Make sure the pads are installed with linings facing the disc.

19 Install the brake caliper and fix it. Use a drive socket #17. Use a torque wrench. Tighten it to 88 Nm torque.



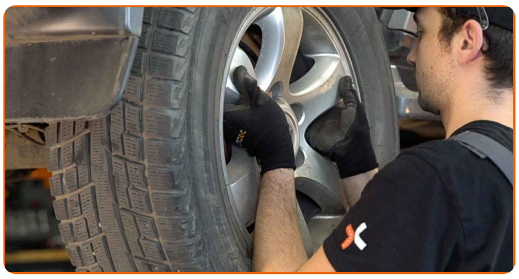
20 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

21 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – Toyota Prado J120. After applying the spray, wait a few minutes.

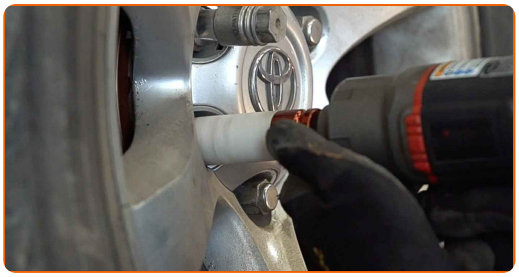
22 Install the wheel.



Replacement: brake pads – Toyota Prado J120. AUTODOC experts recommend:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

23 Screw in the wheel bolts. Use wheel impact socket #21.



24 Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 112 Nm torque.

25 Remove the jacks and chocks.

Replacement: brake pads – Toyota Prado J120. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

26 Tighten the brake fluid reservoir cap.

AUTODOC recommends:

- Toyota Prado J120 – Without starting the engine, press the brake pedal several times until it feels firm.

27 Close the hood.

Replacement: brake pads – Toyota Prado J120. Tip from AUTODOC:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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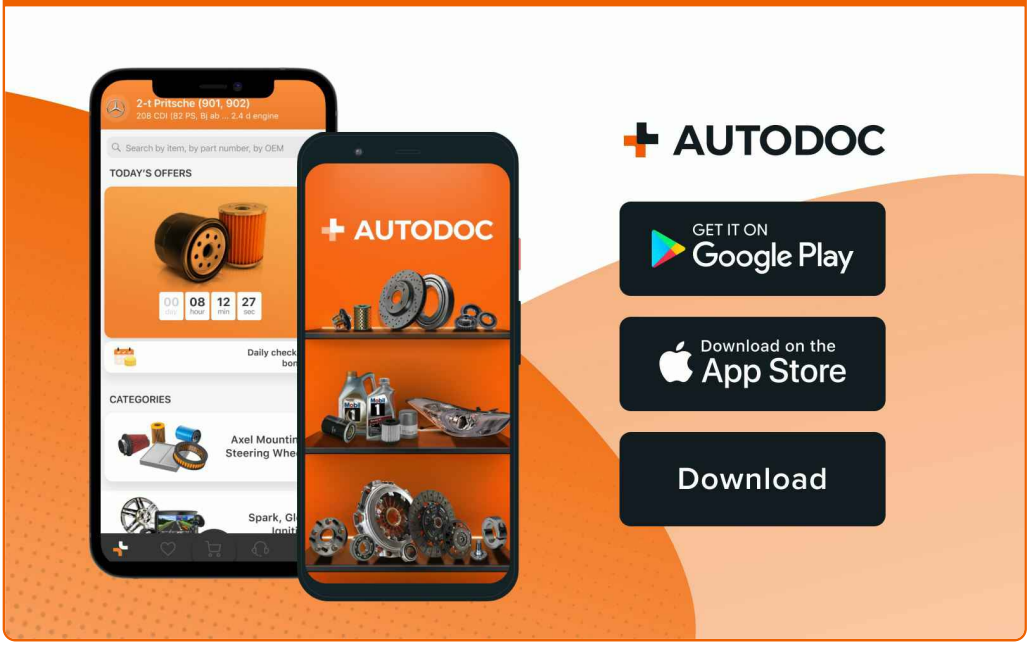

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